

Title (en)

METAL OXIDE COMPOSITION, METHOD OF MANUFACTURING LIGHT-EMITTING DEVICE USING METAL OXIDE COMPOSITION, AND LIGHT-EMITTING DEVICE

Title (de)

METALLOXIDZUSAMMENSETZUNG, VERFAHREN ZUM HERSTELLEN EINER LICHTEMITTIERENDEN VORRICHTUNG UNTER VERWENDUNG EINER METALLOXIDZUSAMMENSETZUNG UND LICHTEMITTIERENDE VORRICHTUNG

Title (fr)

COMPOSITION D'OXYDE MÉTALLIQUE, PROCÉDÉ DE FABRICATION DE DISPOSITIF ÉLECTROLUMINESCENT UTILISANT UNE COMPOSITION D'OXYDE MÉTALLIQUE, ET DISPOSITIF ÉLECTROLUMINESCENT

Publication

EP 4068339 A2 20221005 (EN)

Application

EP 22165147 A 20220329

Priority

KR 20210040506 A 20210329

Abstract (en)

A metal oxide composition includes: a solvent; a metal oxide; and a hydrogen cation source including a compound of Formula 1, a compound of Formula 2, or any combination thereof: wherein, in Formulae 1 and 2, the variables are described herein.

IPC 8 full level

H01L 21/368 (2006.01)

CPC (source: CN EP KR US)

C01G 9/00 (2013.01 - KR); **C01G 9/006** (2013.01 - US); **C01G 9/02** (2013.01 - KR US); **C09K 11/54** (2013.01 - US); **H01L 21/02565** (2013.01 - EP); **H01L 21/02628** (2013.01 - EP); **H01L 33/06** (2013.01 - KR); **H10K 50/16** (2023.02 - CN EP); **H10K 50/171** (2023.02 - CN); **H10K 71/00** (2023.02 - CN); **H10K 85/60** (2023.02 - KR); **B82Y 20/00** (2013.01 - US); **B82Y 35/00** (2013.01 - US); **B82Y 40/00** (2013.01 - US); **C01P 2004/64** (2013.01 - US); **C01P 2006/60** (2013.01 - US); **H01L 2933/0008** (2013.01 - KR); **H10K 50/115** (2023.02 - EP US); **H10K 50/16** (2023.02 - US); **H10K 2102/00** (2023.02 - CN EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 4068339 A2 20221005; **EP 4068339 A3 20221012**; CN 115148939 A 20221004; KR 20220135276 A 20221007; US 2022315441 A1 20221006

DOCDB simple family (application)

EP 22165147 A 20220329; CN 202210320221 A 20220329; KR 20210040506 A 20210329; US 202217705988 A 20220328